



# FEMA

**Disclaimer:** The purpose of this briefing is to provide a ***Regional*** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information. To find your local NWS forecast office, go to <http://www.srh.noaa.gov> and click on the "Weather Forecast Offices" tab and click on the map for your area.

## FEMA Region 6 Weather Threat Briefing

Sunday, July 05, 2015

Issued: 0800 CT

***Day 1 Hazards: A few strong to severe storms with damaging winds and isolated areas of heavy rain/flash flooding over LA, S AR, E TX.***

***Day 1 Hazards: Isolated areas of heavy rain and flash flooding over western 2/3 of NM.***

National Weather Service  
Southern Region Headquarters  
Regional Operations Center  
Fort Worth, TX



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# Key Points



## Today

- A few strong to severe thunderstorms with damaging winds and/or heavy rain/flash flooding possible over LA and into S AR/E TX
- Isolated areas of heavy rain and flash flooding possible over western 2/3 of NM

## Monday - Tuesday

- Heavy rain and areas of flash flooding over eastern TX/OK panhandles & west/north OK late Monday into Tuesday moving into east/south OK, NW TX, & NW AR Tuesday into early Wednesday
  - Also isolated strong to severe storms with damaging winds possible in these same general areas
- Isolated areas of heavy rain/flash flooding over NM, especially over/near burn scars

## Wednesday - Thursday

- Thunderstorm chances continue for NM, with isolated areas of heavy rain/flash flooding possible

## Tropical Outlook

- Tropical cyclone formation is not expected during the next 5 days

## River Flood Situation

- All river points in E TX/LA/AR are at or below minor flood stage
- Heavy rains Mon-Wed across northern portions of the Region may slightly increase flows along some river basins in OK/AR and N TX/LA but major widespread flooding is not expected at this time

# \*FEMA Region 6 Threat Matrix

Jul 5, 2015 - Jul 9, 2015

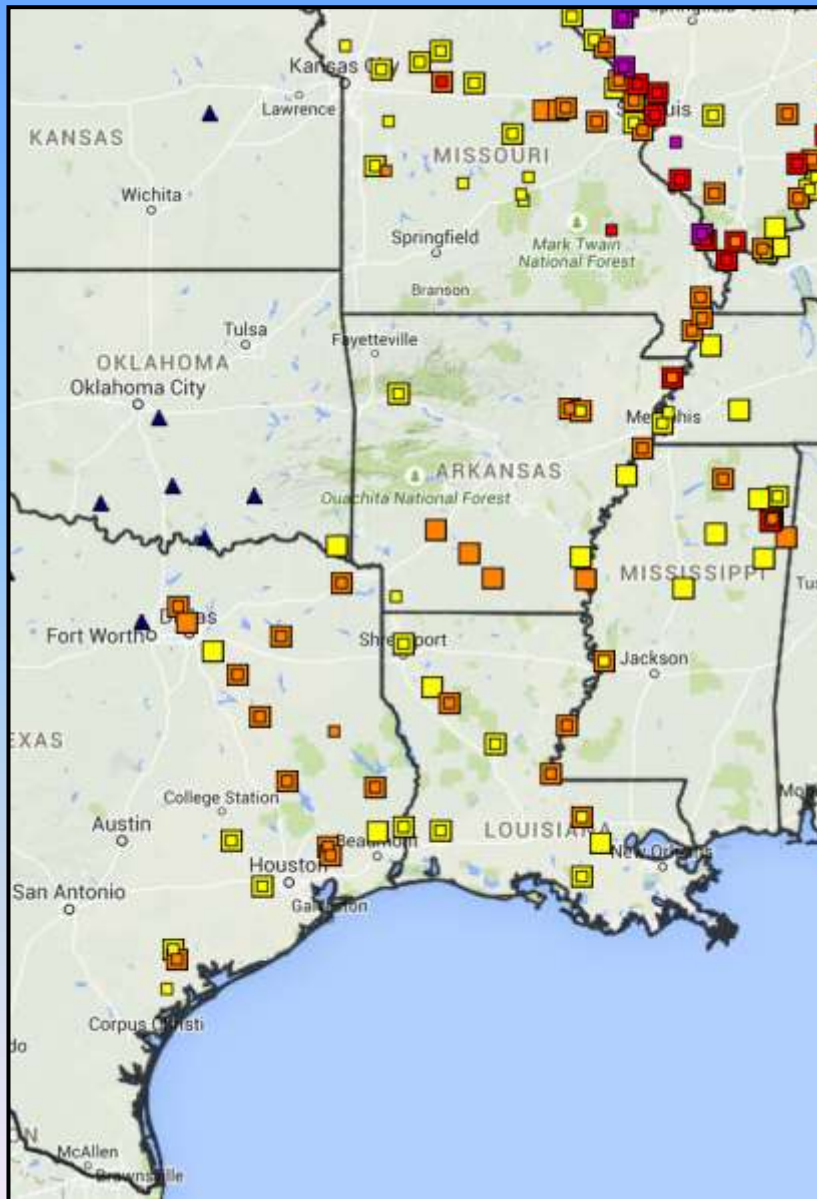
DAY/ THREAT	SUN	MON	TUE	WED	THU
Severe Storms	LA, S AR, E TX	Panhandles, W&N OK	E OK, N AR		
Heavy Rain /Flash Flooding	NM, LA, S AR, E TX	E Panhandles, W/N OK (late)	E Panhandles, W/N OK (early) then into E/S OK, NW TX/AR	NM	NM
		NM	NM		
Tropical					
River Flooding	E TX, AR, LA				

	Very Common – Happens Often
	Common – Happens Frequently
	Uncommon – A Few Times a Year
	Rare – Once Every 1-5 Years
	Very Rare – Once Every 5-10 Years

*We are experimenting with a new color scale to the left as of April 13<sup>th</sup>. Please provide feedback to [sr-srh.roc@noaa.gov](mailto:sr-srh.roc@noaa.gov). See next slide for more details.*



# Current River Status / Near Term Forecast

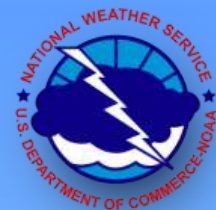


- All river points in E TX/LA/AR are at or below minor flood stage
- Heavy rains Monday-Wednesday across northern portions of the Region may slightly increase flows along some river basins in OK/AR and N TX/LA but major widespread flooding is not expected at this time

River Status		
	Observed	Forecast
No Flooding	■	■
Near Flood Stage	■	■
Minor Flooding	■	■
Moderate Flooding	■	■
Major Flooding	■	■

For latest river stages/forecasts, go to <http://www.srh.noaa.gov/rfcexp/main.php?fs=1>

**We are experimenting with a new color scale in these briefings, starting on April 13<sup>th</sup>. The criteria is below, please provide your feedback to [sr-srh.roc@noaa.gov](mailto:sr-srh.roc@noaa.gov) and we plan to re-evaluate in the coming months.**

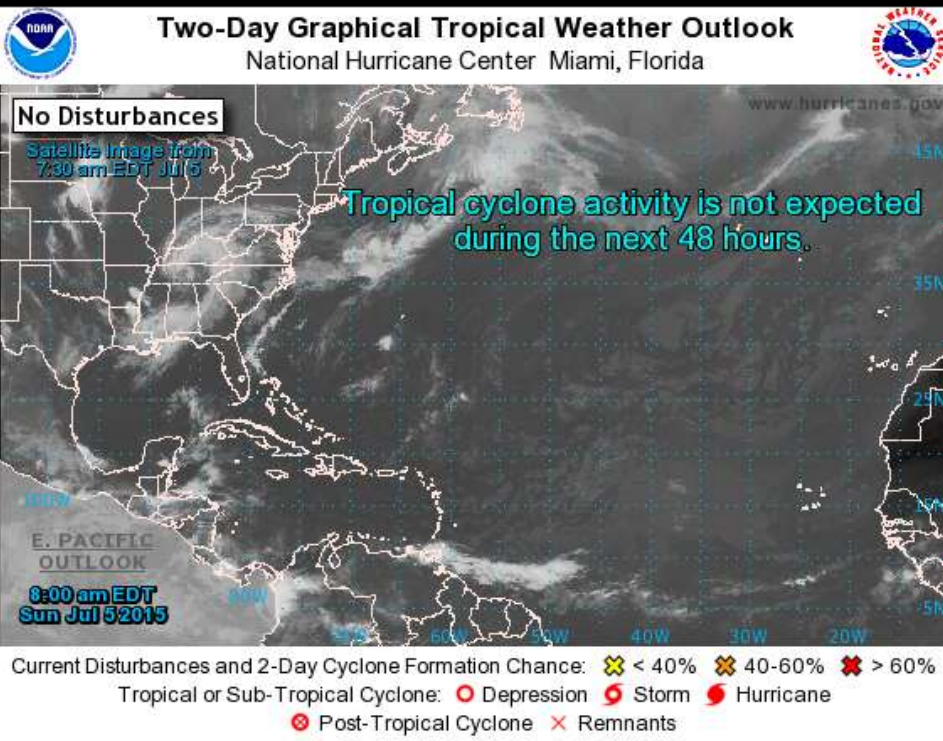


**Weather "Threat" Matrix**

Color	Definition	Criteria	Example(s)
<b>Green</b>	<b>Very Common – Happens Often</b> Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines	Severe: Marginal Risk from SPC Flooding: Minor flooding expected over localized areas Tropical: None	<ul style="list-style-type: none"> <li>Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees</li> <li>Something that happens almost every day in a particular season such as <u>seabreeze</u> storms in coastal TX</li> </ul>
<b>Yellow</b>	<b>Common – Happens Frequently</b> Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Minor Inconvenience to Daily Life	Severe: Slight Risk from SPC Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas Tropical: A weak tropical wave expected to move towards or near any coastline	<ul style="list-style-type: none"> <li>2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible</li> <li>Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1" hail</li> </ul>
<b>Orange</b>	<b>Uncommon – A Few Times a Year</b> Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Large Disruption to Daily Life	Severe: Enhanced Risk from SPC Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas Tropical: A Tropical Storm expected to move towards or near any coastline	<ul style="list-style-type: none"> <li>A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely</li> <li>Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail</li> </ul>
<b>Red</b>	<b>Rare – Once every 1-5 Years</b> Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Major Disruption to Daily Life	Severe: Moderate Risk from SPC Flooding: Moderate flooding expected over a widespread area (including urban locations) Tropical: A Hurricane expected to move towards or near any coastline	<ul style="list-style-type: none"> <li>A Category 1 hurricane will be moving towards the NW Gulf in the next few days</li> <li>Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail</li> </ul>
<b>Purple</b>	<b>Very Rare – Once Every 5-10 Years</b> Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed Impact Potential: Typically results in Major Disruption to Daily Life	Severe: High Risk from SPC Flooding: Major flooding expected over a widespread area (including urban locations) Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline	<ul style="list-style-type: none"> <li>A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow</li> <li>Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms</li> </ul>



# Atlantic/Gulf Tropical Weather Outlook

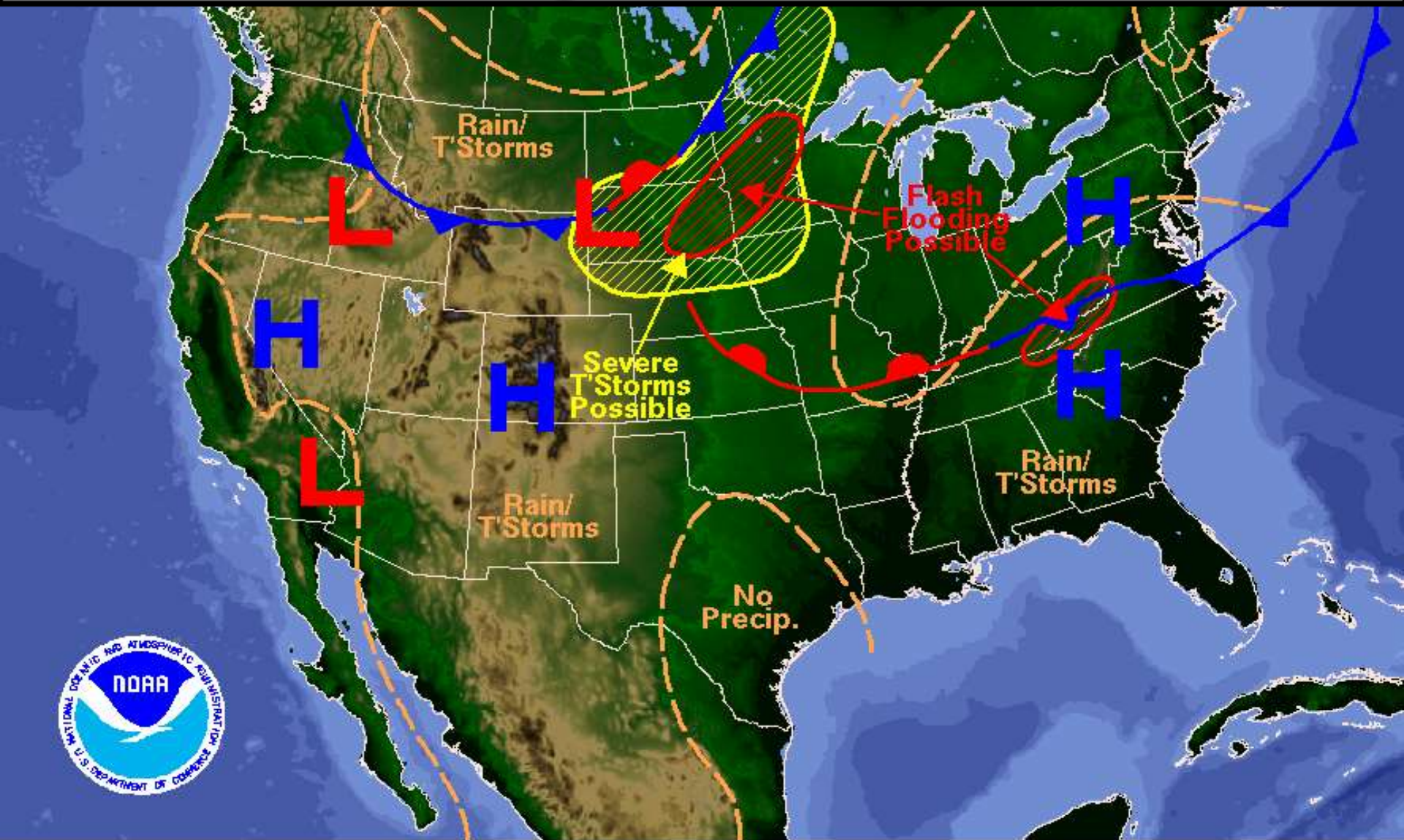


Tropical cyclone formation is not expected during the next five days.





# Today's Weather



Weather Forecast for Sun, Jul 05, 2015, issued 4:12 AM EDT  
DOC/NOAA/NWS/NCEP/Weather Prediction Center  
Prepared by Kong based on WPC, SPC and NHC forecasts








# Day 1 Weather Hazards

**Valid: 0800 Sun - 0800 Mon**



**Isolated areas  
of heavy rain  
and flash flooding**

**A few strong  
to severe storms  
with damaging winds  
and/or flash flooding**

	Very Common – Happens Often
	Common – Happens Frequently
	Uncommon – A Few Times a Year
	Rare – Once Every 1-5 Years
	Very Rare – Once Every 5-10 Years

**\*Threat levels are based on FEMA Region 6 criteria. State or local threat level criteria may differ.**



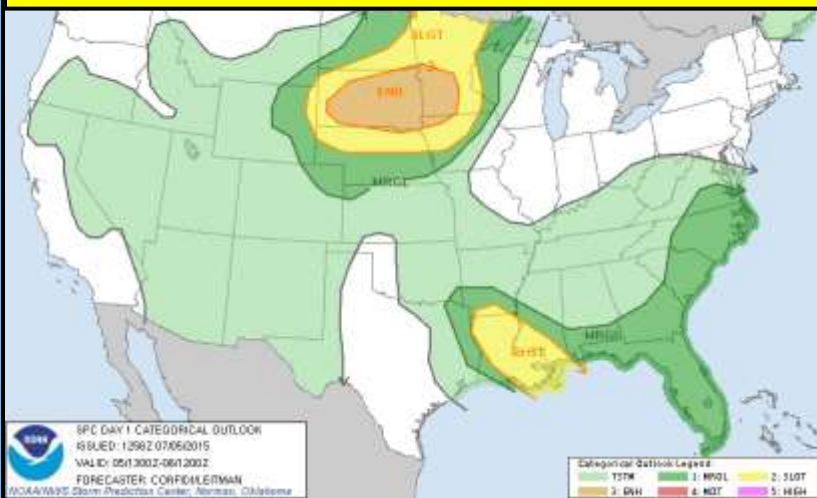


# Sunday, July 05, 2015

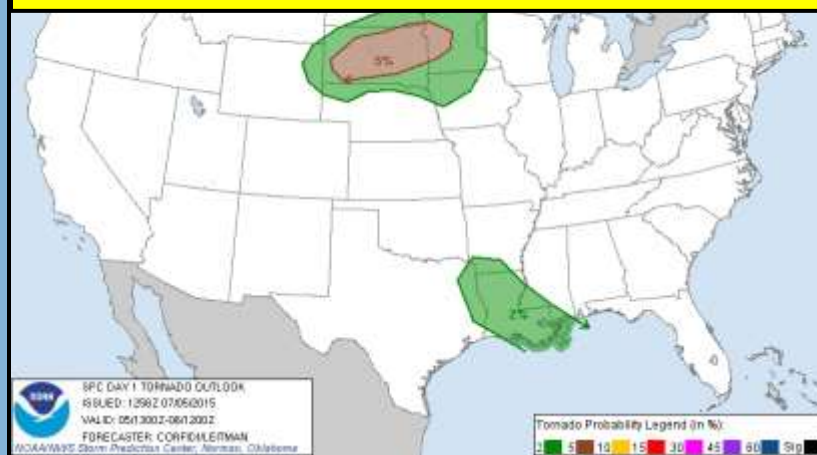


## Severe Thunderstorm Potential

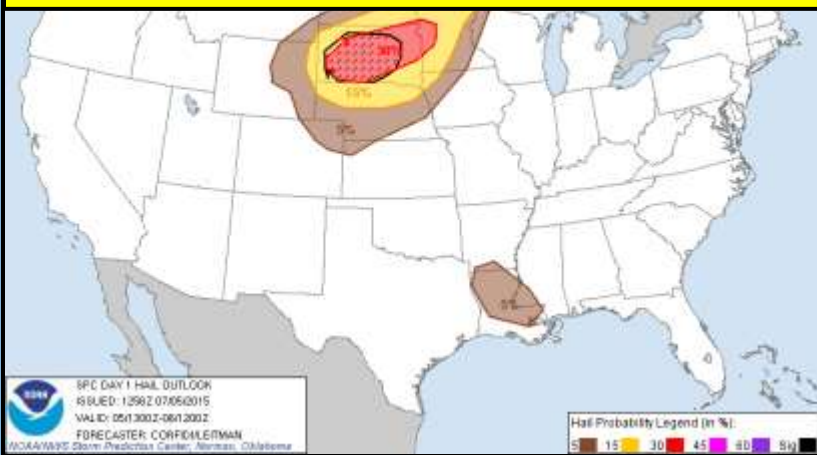
### Overall Threat Potential



### Probability of Tornado within 25 miles of a point



### Probability of Damaging Hail within 25 miles of a point



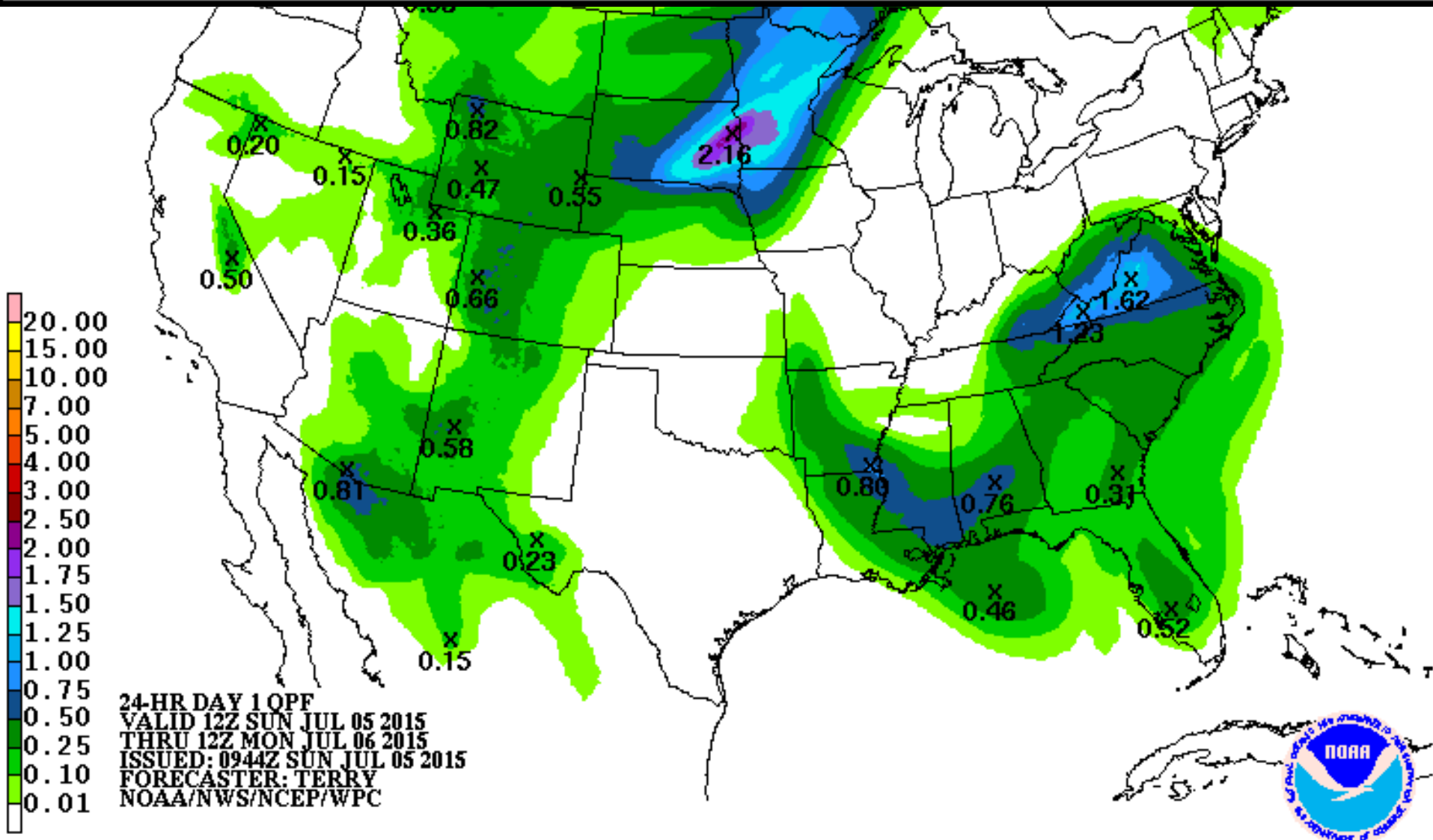
### Probability of Damaging Winds within 25 miles of a point



## Building a Weather-Ready Nation

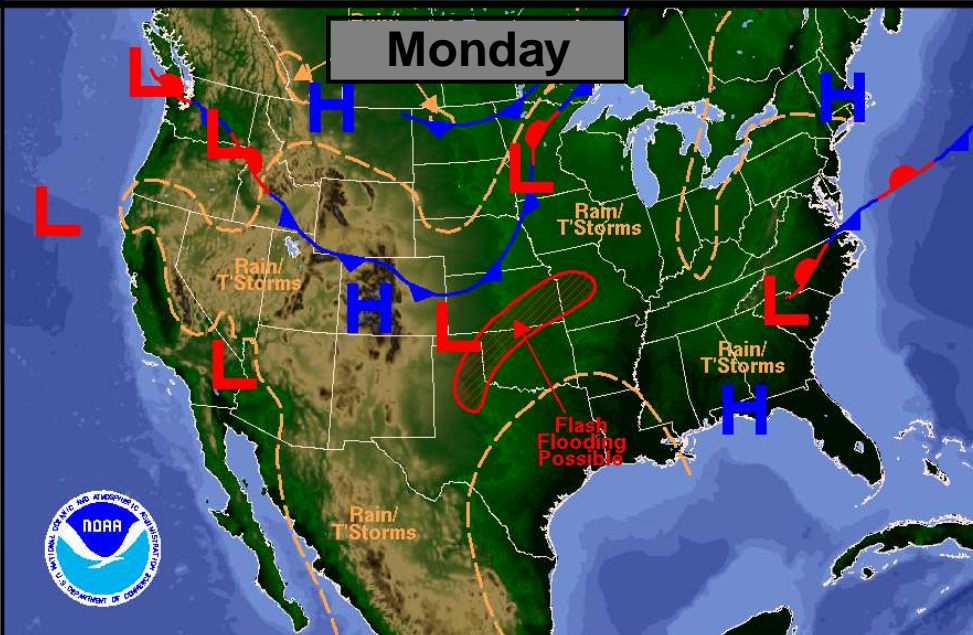
# Today's Precipitation

## Sun AM - Mon AM

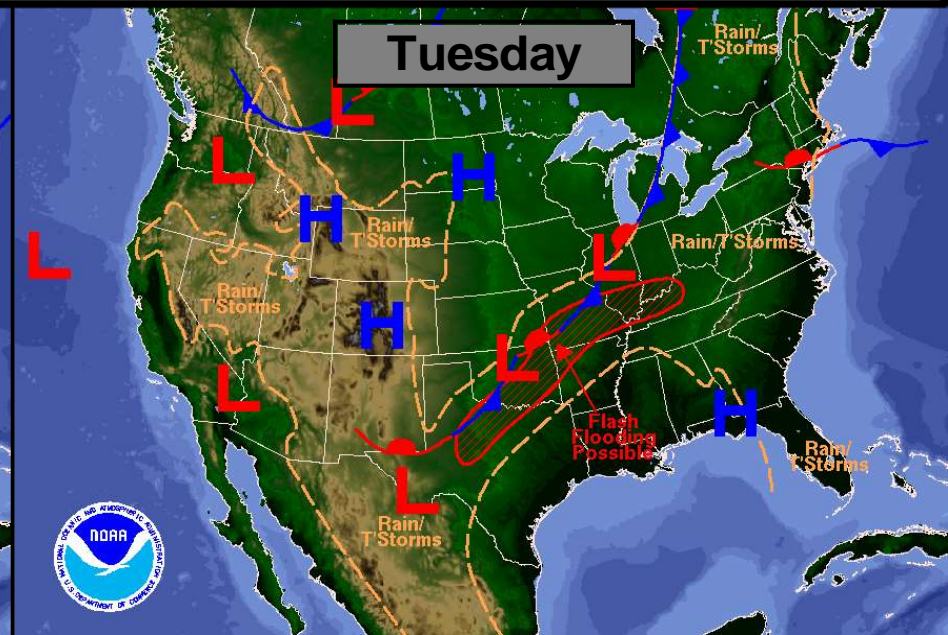




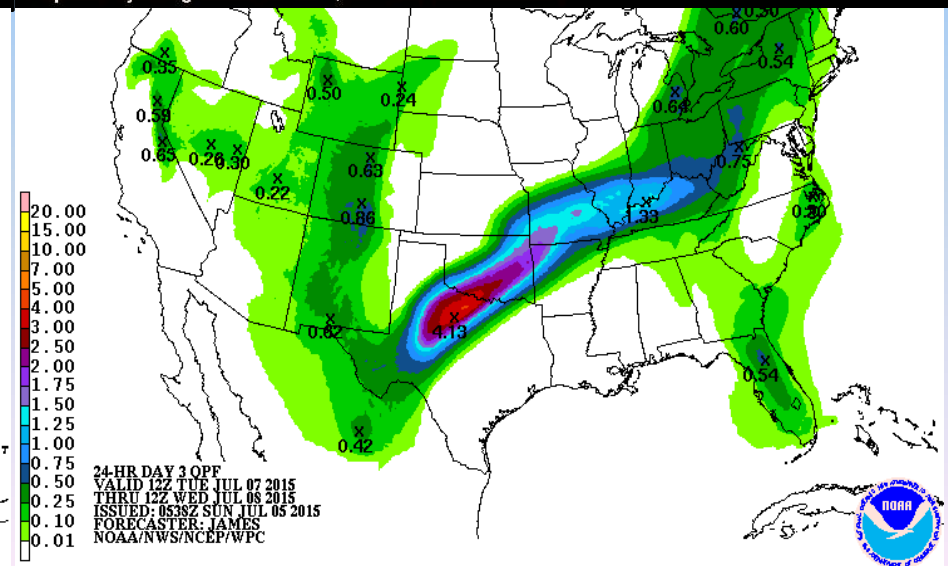
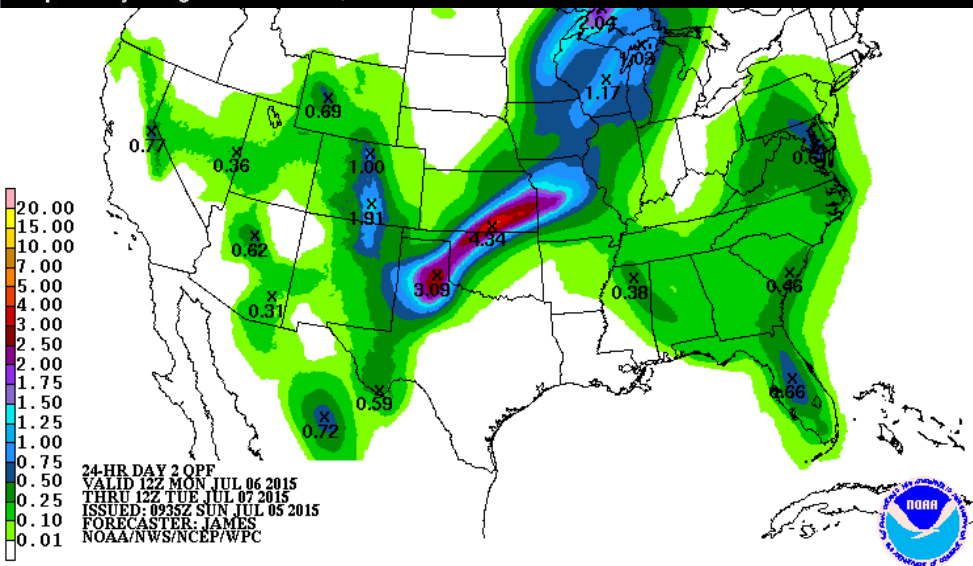
# Day 2-3 Weather Maps/Precipitation



Weather Forecast for Mon, Jul 06, 2015, issued 4:27 AM EDT Sun, Jul 05, 2015  
 DOC/NOAA/NWS/NCEP/Weather Prediction Center  
 Prepared by Kong based on WPC, SPC and NHC forecasts



Weather Forecast for Tue, Jul 07, 2015, issued 4:39 AM EDT Sun, Jul 05, 2015  
 DOC/NOAA/NWS/NCEP/Weather Prediction Center  
 Prepared by Kong based on WPC, SPC and NHC forecasts





# Day 2-3 Weather Hazards

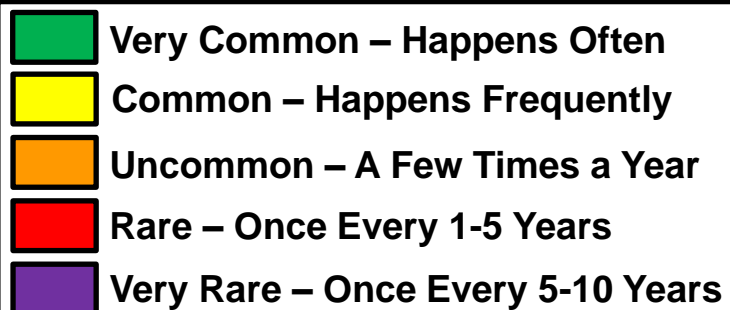
Valid: 0800 Mon - 0800 Wed



Isolated areas of heavy rain & flash flooding possible in NM, especially over/near burn scar locations

Areas of heavy rain and flash flooding late Monday into Tuesday

Areas of heavy rain and flash flooding Tuesday into early Wed



\*Threat levels are based on FEMA Region 6 criteria. State or local threat level criteria may differ.



# Day 4-5 Weather Hazards

Valid: 0800 Wed - 0800 Fri



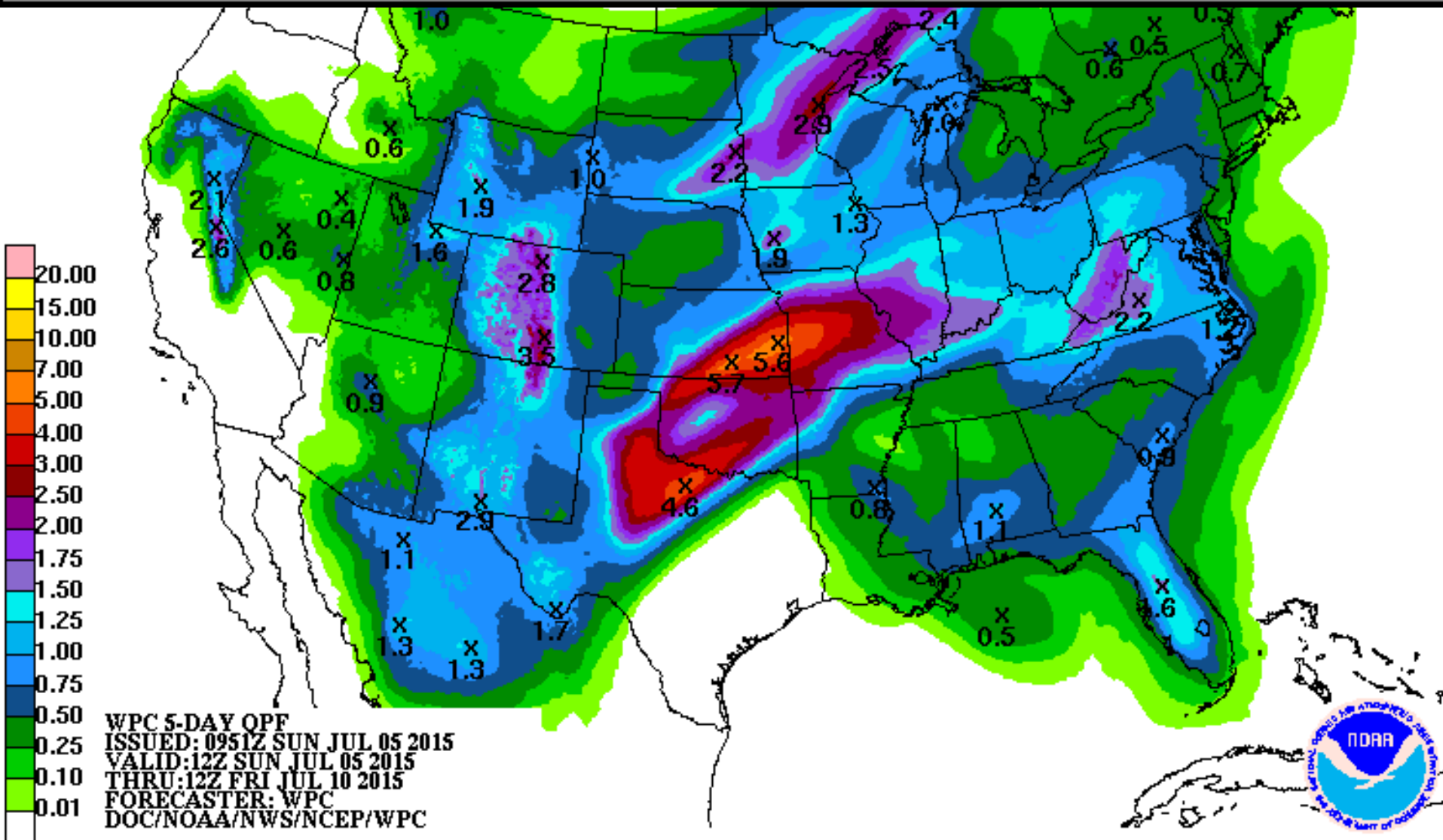
Isolated areas of heavy rain & flash flooding possible in NM, especially over/near burn scar locations



\*Threat levels are based on FEMA Region 6 criteria. State or local threat level criteria may differ.

# 5-Day Precipitation

## Sun AM - Fri AM

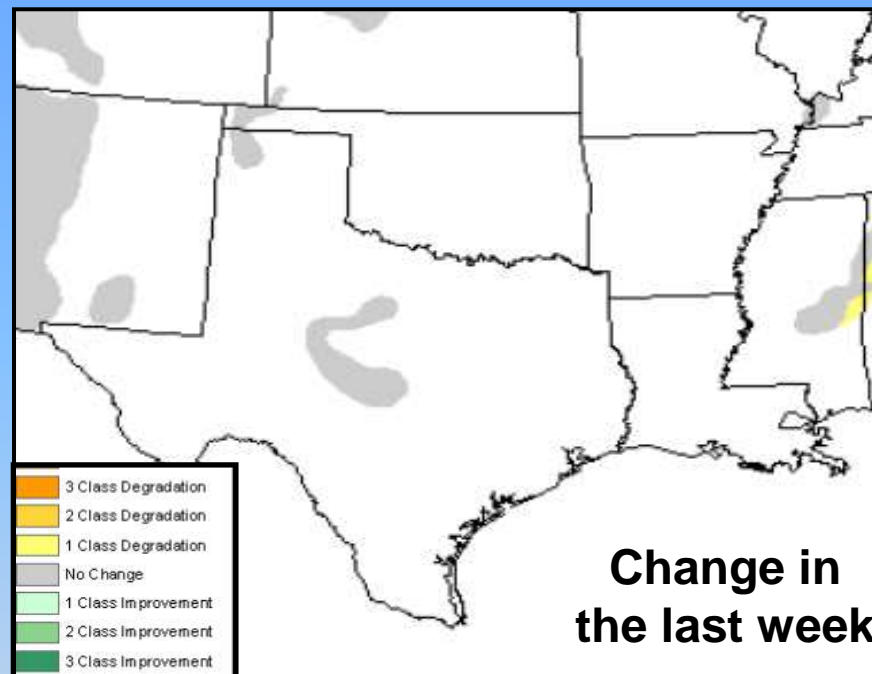
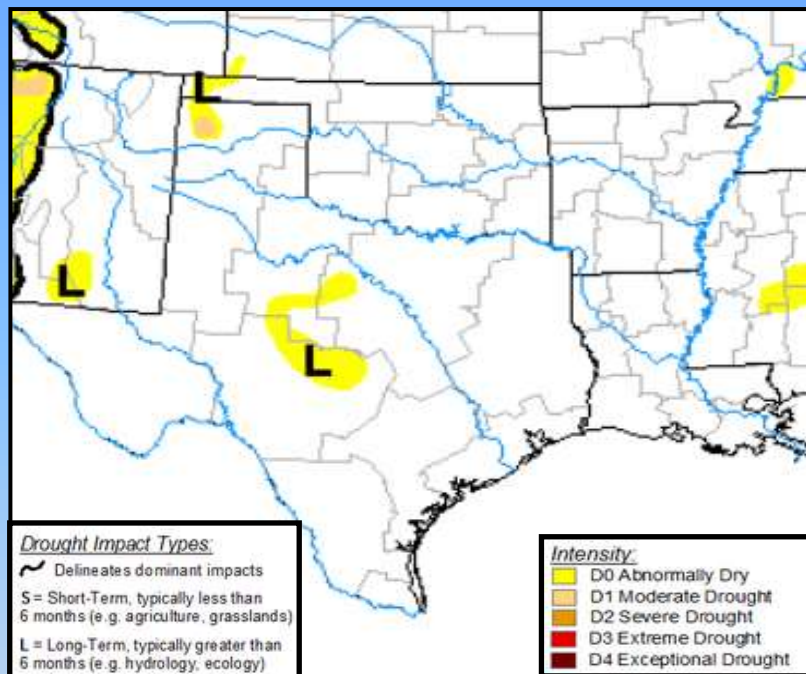






# Drought Monitor Released July 2nd, 2015

Data valid as of Wednesday, July 1st, 2015



## Drought Conditions (Percent Area) in D3-D4 (Extreme to Exceptional Drought)

State	Current	Last Week	3 Months Ago	1 Year Ago
Oklahoma	0.00%	0.00%	37.38%	30.07%
Texas	0.00%	0.00%	15.10%	18.51%
New Mexico	0.00%	0.00%	0.00%	39.77%
Arkansas	0.00%	0.00%	0.00%	0.00%
Louisiana	0.00%	0.00%	0.00%	0.00%

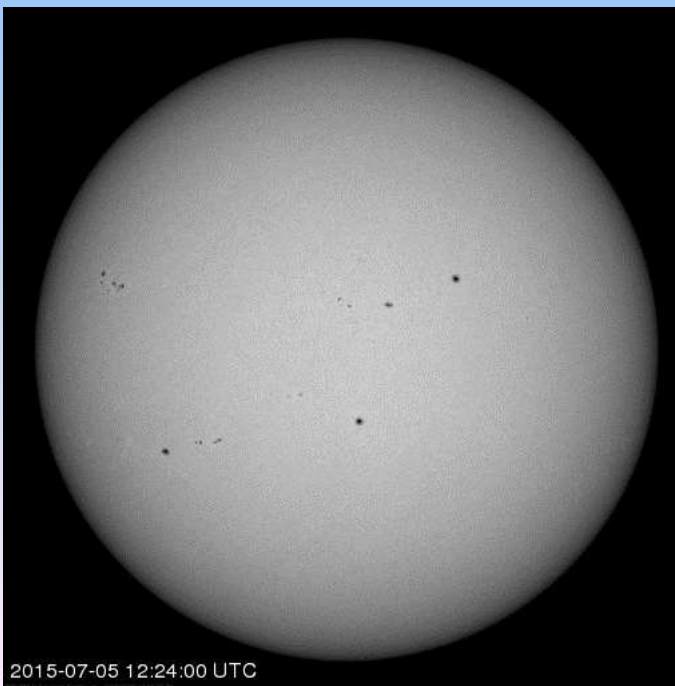
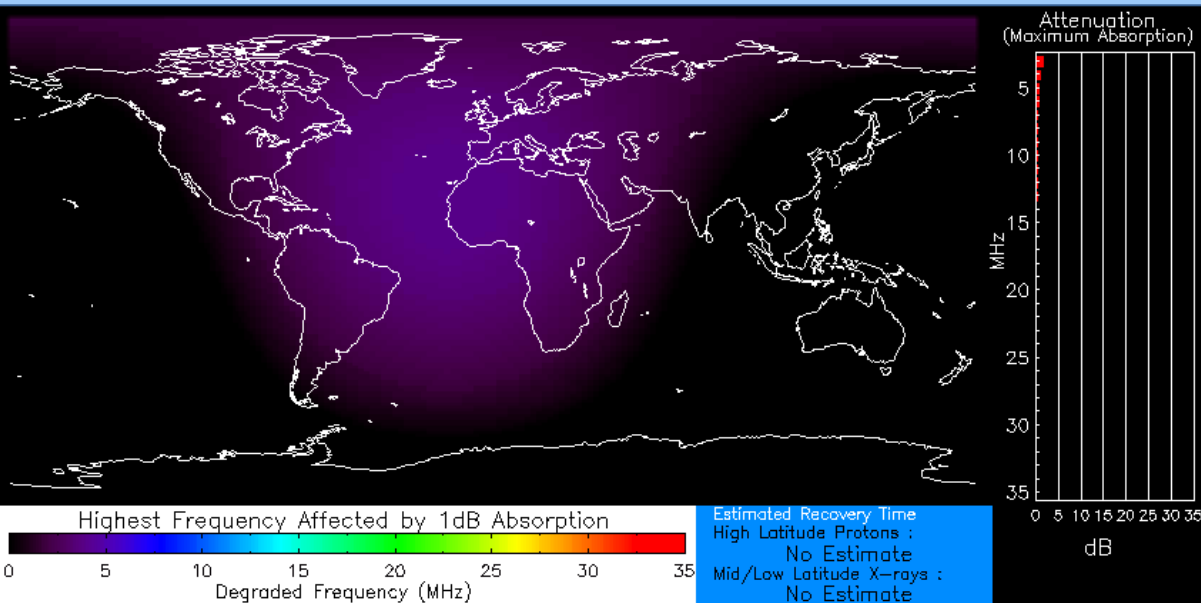
# Space Weather 3-Day Forecast



	Sunday	Monday	Tuesday
Geomagnetic Storms	Unsettled to Active (Max Kp = 4)	Active to Unsettled (Max Kp = 4)	Quiet (Max Kp = 2)
Solar Radiation Storm (S1-S5)	1%	1%	1%
Radio Blackout (R1-R2)	10%	10%	10%
Radio Blackout (R3-R5)	1%	1%	1%

[Click here for a Description of the Space Weather Storm Scales](#)

[Click here for the Latest 3-Day Space Weather Forecast Text](#)



2015-07-05 12:24:00 UTC

Normal X-ray Background  
 Product Valid At : 2015-07-05 13:05 UTC

Normal Proton Background  
 NOAA/SWPC Boulder, CO USA



Information provided by:



**National Weather Service**  
**Southern Region Headquarters**  
**Regional Operations Center**  
**Fort Worth, TX**

Phone: (817) 978-1100 x147

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